

CRFI-EFS

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/911,6920
Source: IFw/b
Date Processed by STIC: 6/26/06

ENTERED

CRFI-EFS



IFW16

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/09/911,692D

TIME: 10:39:31

Input Set : N:\efs\09911692_efs\09-911692_SL5.txt

Output Set: N:\CRF4\06262006\I911692D.raw

```

3 <110> APPLICANT: Biogen Idec Inc.
4     Anderson, Darrell R.
5     Rastetter, William H.
6     Hanna, Nabil
7     Leonard, John E.
8     Newman, Roland
9     Reff, Mitchell
11 <120> TITLE OF INVENTION: EXPRESSION AND USE OF ANTI-CD20 ANTIBODIES
13 <130> FILE REFERENCE: 27693-01009
15 <140> CURRENT APPLICATION NUMBER: 09/911,692D
16 <141> CURRENT FILING DATE: 2001-07-25
18 <150> PRIOR APPLICATION NUMBER: US 08/475,813
19 <151> PRIOR FILING DATE: 1995-06-07
21 <150> PRIOR APPLICATION NUMBER: US 08/149,099
22 <151> PRIOR FILING DATE: 1993-11-03
24 <150> PRIOR APPLICATION NUMBER: US 07/978,891
25 <151> PRIOR FILING DATE: 1992-11-13
27 <160> NUMBER OF SEQ ID NOS: 11
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 8540
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: vector
37 <220> FEATURE:
38 <223> OTHER INFORMATION: sense orientation
40 <400> SEQUENCE: 1
41 gacgtcgcg cgcctctagg cctccaaaaa agcctcctca ctacttctgg aatagctcag      60
42 aggccgaggg ggcctcggcc tctgcataaa taaaaaaaat tagtcagcca tgcattggggc      120
43 ggagaatggg cggaactggg cggagttagg ggcgggatgg gcggagttag gggcgggact      180
44 atggttgctg actaattgag atgcatgctt tgcatacttc tgccctgctgg ggagcctggg      240
45 gactttccac acctggttgc tgactaattg agatgcatgc tttgcatact tctgcctgct      300
46 ggggagcctg gggactttcc acaccctaac tgacacacat tccacagaat taattcccct      360
47 agttattaat agtaatcaat tacgggggtca ttagttcata gcccatatat ggagttccgc      420
48 gttacataac ttacggtaaa tggccgcctt ggctgaccgc ccaacgaccc ccgccattg      480
49 acgtcaataa tgacgtatgt tcccatagta acgccaatag ggactttcca ttgacgtcaa      540
50 tgggtggact atttacggtg aactgcccac ttggcagtag atcaagtgtg tcatatgccg      600
51 agtacgcccc ctattgacgt caatgacggt aaatggcccg cctggcatta tgcccagtag      660
52 atgaccttat gggactttcc tacttggcag tacatctacg tattagtcac cgctattacc      720
53 atggtgatgc ggttttggca gtacatcaat gggcgtggat agcggtttga ctcacgggga      780
54 tttccaagtc tccaccccat tgacgtcaat gggagtttgt tttggcacca aaatcaacgg      840
55 gactttccaa aatgtcgtaa caactccgcc ccattgacgc aaatgggcgg taggcgtgta      900
56 cgggtgggagg tctatataag cagagctggg tacgtgaacc gtcagatcgc ctggagacgc      960

```

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/09/911,692D

TIME: 10:39:31

Input Set : N:\efs\09911692_efs\09-911692_SL5.txt

Output Set: N:\CRF4\06262006\I911692D.raw

```

57 catcacagat ctctcaccat gaggggtcccc gctcagctcc tgggggtcct gctgctctgg 1020
58 ctcccagggtg cacgatgtga tggtagcaag gtggaaatca aacgtacggt ggctgcacca 1080
59 tctgtcttca tcttcccgcc atctgatgag cagttgaaat ctggaactgc ctctgttgtg 1140
60 tgcttctga ataacttcta tcccagagag gccaaagtac agtgggaagg ggataacgcc 1200
61 ctccaatcgg gtaactccca ggagagtgtc acagagcagg acagcaagga cagcacctac 1260
62 agcctcagca gcacctgac gctgagcaaa gcagactacg agaaacacaa agtctacgcc 1320
63 tgcgaagtca cccatcaggg cctgagctcg cccgtcaca agagcttcaa caggggagag 1380
64 tgttgaattc agatccgtta acggttacca actacctaga ctggattcgt gacaacatgc 1440
65 ggccgtgata tctacgtatg atcagcctcg actgtgcctt ctagtgtcca gccatctgtt 1500
66 gtttgcctt ccccggtgcc ttccttgacc ctggaagggt ccactccac tgtcctttcc 1560
67 taataaaatg aggaaattgc atcgattgt ctgagtaggt gtcattctat tctgggggggt 1620
68 ggggtggggc aggacagcaa gggggaggat tgggaagaca atagcaggca tgctggggat 1680
69 gcggtgggct ctatggaacc agctggggct cgacagctat gccaaagtac cccctattg 1740
70 acgtcaatga cggtaaattg cccgcctggc attatgcca gtacatgacc ttatgggact 1800
71 ttcctacttg gcagtacatc tacgtattag tcatcgctat taccatggtg atgcggtttt 1860
72 ggcagtacat caatgggctg ggatagcggg ttgactcacg gggatttcca agtctccacc 1920
73 ccattgacgt caatgggagt ttgttttggc accaaaatca acgggacttt ccaaaatgtc 1980
74 gtaacaactc cgccccattg acgcaaattg gcggtaggcg tgtacgggtg gaggtctata 2040
75 taagcagagc tgggtacgtc ctacattca gtgatcagca ctgaacacag acccgctcag 2100
76 atgggttggg gcctcatctt gctcttctt gtcgctgttg ctacgcgtgt cgctagcacc 2160
77 aaggggccat cggtcttccc cctggcacc tctccaaga gcacctctgg gggcacagcg 2220
78 gccctgggct gcctggtcaa ggactacttc cccgaaccgg tgacgggtgtc gtggaactca 2280
79 ggcgcctcga ccagcggcgt gcacaccttc ccggtgtctc tacagtctc aggactctac 2340
80 tccctcagca gcgtgggtgac cgtgccctcc agcagcttgg gcaccagac ctacatctgc 2400
81 aacgtgaatc acaagcccag caacaccaag gtggacaaga aagcagagcc caaatcttgt 2460
82 gacaaaactc acacatgcc accgtgccc gcacctgaac tctgggggg accgtcagtc 2520
83 ttcctcttcc ccccaaaacc caaggacacc ctcatgatct cccggacccc tgaggtcaca 2580
84 tgcgtggtgg tggacgtgag ccacgaagac cctgagggtc agttcaactg gtacgtggac 2640
85 ggcgtggagg tgcataatgc caagacaaag ccgcgggagg agcagtacaa cagcacgtac 2700
86 cgtgtggtca gcgtctcac cgtcctgcac caggactggc tgaatggcaa ggactacaag 2760
87 tgcaaggtct ccaacaaagc cctcccagcc cccatcgaga aaaccatctc caaagccaaa 2820
88 gggcagcccc gagaaccaca ggtgtacacc ctgcccccat cccgggatga gctgaccagg 2880
89 aaccagggtc gcctgacctg cctggtcaaa ggcttctatc ccagcgacat cgccgtggag 2940
90 tgggagagca atgggcagcc ggagaacaac tacaagacca cgctcccgt gctggactcc 3000
91 gacggctcct tcttctctca cagcaagctc accgtggaca agagcagggtg gcagcagggg 3060
92 aacgtcttct catgctcgt gatgcatgag gctctgcaca accactacac gcagaagagc 3120
93 ctctccctgt ctccgggtaa atgaggatcc gttaacggtt accaactacc tagactggat 3180
94 tcttgacaac atgcggcgt gatctctac tatgatcag ctcgactgtg cttctagt 3240
95 gccagccatc tgttgtttgc cctcccccg tgccttctt gacctggaa ggtgccactc 3300
96 ccactgtcct ttcctaataa aatgaggaaa ttgcatcgca ttgtctgagt aggtgtcatt 3360
97 ctattctggg ggggtgggtg gggcaggaca gcaaggggga ggattgggaa gacaatagca 3420
98 ggcagtctgg ggatgcggtg ggctctatgg aaccagctgg ggctcgacag cgctggatct 3480
99 ccgcatcccc agctttgctt ctcaatttct tatttgcata atgagaaaaa aaggaaaatt 3540
100 aattttaaca ccaattcagt agttgattga gcaaatgcgt tgccaaaaag gatgctttag 3600
101 agacagtgtt ctctgcacag ataaggacaa acattattca gagggagtag ccagagctga 3660
102 gactcctaag ccagttagtg gcacagcatt ctaggagaaa atatgcttgt catcacgaa 3720
103 gcctgattcc gtagagccac accttggtta gggccaatct gctcacacag gatagagagg 3780
104 gcaggagcca gggcagagca tataaggtga ggtaggatca gttgctctc acatttgctt 3840
105 ctgacatagt tgtgttggga gcttggatag cttggacagc tcagggtgc gatttcgcgc 3900

```

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/09/911,692D

TIME: 10:39:31

Input Set : N:\efs\09911692_efs\09-911692_SL5.txt

Output Set: N:\CRF4\06262006\I911692D.raw

106	caaacttgac	ggcaatccta	gcgtgaaggc	tggtaggatt	ttatccccgc	tgccatcatg	3960
107	gttcgaccat	tgaactgcat	cgtcgccgtg	tcccaaaaata	tggggatttg	caagaacgga	4020
108	gacctaccct	ggcctccgct	caggaacgag	ttcaagtact	tccaaagaat	gaccacaacc	4080
109	tcttcagtgg	aaggtaaaca	gaatctgggtg	attatgggta	ggaaaacctg	gttctccatt	4140
110	cctgagaaca	atcgaccttt	aaaggacaga	attaatatag	ttctcagtag	agaactcaaa	4200
111	gaaccaccac	gaggagctca	ttttcttgcc	aaaagtttgg	atgatgcctt	aagacttatt	4260
112	gaacaaccgg	aattggcaag	taaagtagac	atggtttgga	tagtcggagg	cagttctggt	4320
113	taccaggaag	ccatgaatca	accaggccac	cttagactct	ttgtgacaag	gatcatgcag	4380
114	gaatttgaaa	gtgacacgtt	tttcccagaa	attgatttgg	ggaaatataa	acttctccca	4440
115	gaatacccag	gcgtcctctc	tgaggtccag	gaggaaaaag	gcatcaagta	taagtgtgaa	4500
116	gtctacgaga	agaaagacta	acaggaagat	gctttcaagt	tctctgctcc	cctcctaaag	4560
117	tcatgcattt	ttataagacc	atgggacttt	tgctggcttt	agatcagcct	cgactgtgcc	4620
118	ttctagtgtg	cagccatctg	ttgtttgccc	ctcccccggtg	ccttccttga	ccctggaagg	4680
119	tgccactccc	actgtccttt	cctaataaaa	tgaggaaatt	gcatcgcat	gtctgagtag	4740
120	gtgtcattct	attctggggg	gtgggggtggg	gcaggacagc	aagggggagg	attgggaaga	4800
121	caatagcagg	catgctgggg	atgcggtggg	ctctatggaa	ccagctgggg	ctcgagctac	4860
122	tagctttgct	tctcaatttc	ttatttgcac	aatgagaaaa	aaaggaaaat	taattttaac	4920
123	accaattcag	tagttgattg	agcaaatgcg	ttgccaaaaa	ggatgcttta	gagacagtgt	4980
124	tctctgcaca	gataaggaca	aacattattc	agagggagta	cccagagctg	agactcctaa	5040
125	gccagtgagt	ggcacagcat	tctagggaga	aatatgcttg	tcatcaccga	agcctgattc	5100
126	cgtagagcca	caccttggtg	agggccaatc	tgctcacaca	ggatagagag	ggcaggagcc	5160
127	agggcagagc	atataaggtg	aggtaggatc	agttgctcct	cacatttgct	tctgacatag	5220
128	ttgtgttggg	agcttggatc	gacctctcat	ggttgaacaa	gatggattgc	acgcaggttc	5280
129	tccggccgct	tgggtggaga	ggctattcgg	ctatgactgg	gcacaacaga	caatcggctg	5340
130	ctctgatgcc	gccgtgttcc	ggctgtcagc	gcaggggcgc	cgggttcttt	ttgtcaagac	5400
131	cgacctgtcc	ggtgccctga	atgaactgca	ggacgaggca	gcgcggctat	cgtggctggc	5460
132	cacgacgggc	gttccttgcg	cagctgtgct	cgacgttgct	actgaagcgg	gaagggactg	5520
133	gctgctattg	ggcgaagtgc	cggggcagga	tctcctgtca	tctcaccttg	ctcctgccga	5580
134	gaaagtatcc	atcatggctg	atgcaatgcg	gcggctgcat	acgcttgatc	cggctacctg	5640
135	cccattcgac	caccaagcga	aacatcgcat	cgagcgagca	cgtactcgga	tgggaagccgg	5700
136	tcttgctgat	caggatgatc	tggacgaaga	gcatcagggg	ctcgcgccag	ccgaactgtt	5760
137	cgccaggctc	aaggcgcgca	tgcccagacg	cgaggatctc	gtcgtgaccc	atggcgatgc	5820
138	ctgcttgccg	aatatcatgg	tggaaaatgg	ccgcttttct	ggattcatcg	actgtggccg	5880
139	gctgggtgtg	gcggaccgct	atcaggacat	agcgttggct	acccgtgata	ttgctgaaga	5940
140	gcttgccggc	gaatgggctg	accgcttccct	cgtgctttac	ggtatcgccg	ctcccgatcc	6000
141	gcagcgcac	gccttctatc	gccttcttga	cgagttcttc	tgagcgggac	tctgggggtc	6060
142	gaaatgaccg	accaagcgac	gcccacctg	ccatcacgag	atttcgattc	caccgcccgc	6120
143	ttctatgaaa	ggttgggctt	cggaaatcgt	ttccgggacg	cgggctggat	gatcctccag	6180
144	cgcggggatc	tcatgctgga	gttcttcgcc	caccccact	tgtttattgc	agcttataat	6240
145	ggttacaaat	aaagcaatag	catcacaaat	ttcacaaata	aagcattttt	ttcactgcat	6300
146	tctagttgtg	gtttgtccaa	actcatcaat	ctatcttata	atgtctggat	cgcgccgcgc	6360
147	atcccgctga	gagcttggcg	taatcatggt	catagctgtt	tcctgtgtga	aattgttatc	6420
148	cgctcacaa	tccacacaac	atacgagccg	gaagcataaa	gtgtaaagcc	tgggggtgct	6480
149	aatgagttag	ctaactcaca	ttaatgtcgt	tgcgctcact	gcccgccttc	cagtcgggaa	6540
150	acctgtcgtg	ccagctgcat	taatgaatcg	gccaacgcgc	ggggagaggc	ggtttgcgta	6600
151	ttgggcgctc	ttccgcttcc	tcgctcactg	actcgctgcg	ctcggtcggt	cggctgcggc	6660
152	gagcggtatc	agctcactca	aaggcggtaa	tacggttatc	cacagaatca	ggggataacg	6720
153	caggaaagaa	catgtgagca	aaaggccagc	aaaaggccag	gaaccgtaaa	aaggccgcgt	6780
154	tgctggcggt	tttccatagg	ctccgcccc	ctgacgagca	tcacaaaaat	cgacgctcaa	6840

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/09/911,692D

TIME: 10:39:31

Input Set : N:\efs\09911692_efs\09-911692_SL5.txt

Output Set: N:\CRF4\06262006\I911692D.raw

```

155 gtcagaggtg gcgaaacccg acaggactat aaagatacca ggcgtttccc cctggaagct 6900
156 ccctcgtgcg ctctcctggt ccgaccctgc cgcttaccgg atacctgtcc gcctttctcc 6960
157 cttcgggaag cgtggcgctt tctcaatgct cagcgtgtag gtatctcagt tcggtgtagg 7020
158 tcggttcgctc caagctgggc tgtgtgcacg aaccccccg tccagccgac cgctgcgcct 7080
159 tatccggtaa ctatcgtctt gagtccaacc cggtaaagaca cgacttatcg ccactggcag 7140
160 cagccactgg taacaggatt agcagagcga ggtatgtagg cgggtgtaca gagttcttga 7200
161 agtgggtggc taactacggc tacactagaa ggacagtatt tggatatctgc gctctgctga 7260
162 agccagttac cttcggaaaa agagttggta gctcttgatc cggcaaaaaa accaccgctg 7320
163 gtagcgggtg tttttttgtt tgcaagcagc agattacgcg cagaaaaaaa ggatctcaag 7380
164 aagatccttt gatcttttct acggggtctg acgctcagtg gaacgaaaac tcacgttaag 7440
165 ggatttttgt catgagatta tcaaaaagga tcttcaccta gatcctttta aattaaaaat 7500
166 gaagttttta atcaatctaa agtatatatg agtaaacttg gtctgacagt taccaatgct 7560
167 taatcagtga ggcacctatc tcagcgatct gtctatttgc ttcattcata gttgcctgac 7620
168 tccccgtcgt gtagataact acgatacggg agggcttacc atctggcccc agtgctgcaa 7680
169 tgataccgcg agaccacgc tcaccggctc cagatttatc agcaataaac cagccagccg 7740
170 gaagggccga gcgcagaagt ggtcctgcaa ctttatccgc ctccatccag tctattaatt 7800
171 gttgccggga agctagagta agtagttcgc cagttaatag tttgcgcaac gttgttgcca 7860
172 ttgctacagg catcgtgggtg tcacgctcgt cgtttggtat ggcttcattc agctccggtt 7920
173 cccaacgatc aaggcgagtt acatgatccc ccatgttgtg caaaaaagcg gttagctcct 7980
174 tcggtcctcc gatcgttgtc agaagtaagt tggccgcagt gttatcactc atgggttatgg 8040
175 cagcactgca taattctctt actgtcatgc catccgtaag atgcttttct gtgactgggtg 8100
176 agtactcaac caagtcattc tgagaatagt gtatgcggcg accgagttgc tcttgcccgg 8160
177 cgtcaatacg ggataatacc gcgccacata gcagaacttt aaaagtgtc atcattggaa 8220
178 aacggttcttc ggggcgaaaa ctctcaagga tcttaccgct gttgagatcc agttcgatgt 8280
179 aaccactcgt tgcaccacac tgatcttcag catcttttac tttcaccagc gtttctgggt 8340
180 gagcaaaaaa aggaaggcaa aatgccgcaa aaaagggaa aagggcgaca cggaaatgtt 8400
181 gaatactcat actcttcctt tttcaatatt attgaagcat ttatcagggg tattgtctca 8460
182 tgagcggata catatttgaa tgtattttaga aaaataaaca aataggggtt ccgcgcacat 8520
183 tccccgaaa agtgccacct
185 <210> SEQ ID NO: 2
186 <211> LENGTH: 9209
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: vector with chimeric antibody sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: sense orientation
196 <400> SEQUENCE: 2
197 gacgtcgcgg ccgctctagg cctccaaaaa agcctcctca ctacttctgg aatagctcag 60
198 agggcaggcg ggcctcggcc tctgcataaa taaaaaaat tagtcagcca tgcattggggc 120
199 ggagaatggg cggaactggg cggagttagg ggcgggatgg gcggagttag gggcgggact 180
200 atgggttctg actaattgag atgcatgctt tgcatacttc tgcttctgg ggagcctggg 240
201 gactttccac acctggttgc tgactaattg agatgcatgc tttgcatact tctgctgct 300
202 ggggagcctg gggactttcc acaccctaac tgacacacat tccacagaat taattcccct 360
203 agttattaat agtaataat tacggggtca ttagttcata gcccatatat ggagttccgc 420
204 gttacataac ttacggtaaa tggccgcgct ggctgaccgc ccaacgaccc ccgcccattg 480
205 acgtcaataa tgacgtatgt tcccatagta acgccaatag ggactttcca ttgacgtcaa 540
206 tgggtggact atttacggta aactgccac ttggcagtag atcaagtgtg tcatatgcca 600
207 agtacgcccc ctattgacgt caatgacggg aaatggcccc cctggcatta tgcccagtag 660

```

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/09/911,692D

TIME: 10:39:31

Input Set : N:\efs\09911692_efs\09-911692_SL5.txt

Output Set: N:\CRF4\06262006\I911692D.raw

208	atgaccttat	gggactttcc	tacttggcag	tacatctacg	tattagtcac	cgctattacc	720
209	atggtgatgc	ggttttggca	gtacatcaat	gggcgtggat	accggtttga	ctcacgcgga	780
210	tttccaagtc	tccaccccat	tgacgtcaat	gggagtttgt	tttggcacca	aaatcaacgg	840
211	gactttccaa	aatgtcgtaa	caactccgcc	ccattgacgc	aatggggcgg	taggcgtgta	900
212	cggtgggagg	tctatataag	cagagctggg	tacgtgaacc	gtcagatcgc	ctggagacgc	960
213	catcacagat	ctctcactat	ggattttcag	gtgcagatta	tcagcttcct	gctaatacgt	1020
214	gcttcagtca	taatgtccag	aggacaaaatt	gttctctccc	agtctccagc	aatcctgtct	1080
215	gcatctccag	gggagaaggt	cacaatgact	tgcagggccca	gctcaagtgt	aagttacatc	1140
216	cactggttcc	agcagaagcc	aggatcctcc	cccaaaccct	ggattttatgc	cacatccaac	1200
217	ctggcttctg	gagtcctctg	tcgcttcagt	ggcagtgggt	ctgggacttc	ttactctctc	1260
218	acaatcagca	gagtggaggc	tgaagatgct	gccacttatt	actgccagca	gtggactagt	1320
219	aaccacacca	cgttcggagg	ggggaccaag	ctggaaatca	aacgtacggg	ggctgcacca	1380
220	tctgtcttca	tcttcccgcc	atctgatgag	cagttgaaat	ctggaactgc	ctctgttggtg	1440
221	tgcttctgta	ataacttcta	tcccagagag	gccaaagtac	agtgggaagg	ggataacgcc	1500
222	ctccaatcgg	gtaactccca	ggagagtgtc	acagagcagg	acagcaagga	cagcacctac	1560
223	agcctcagca	gcaccctgac	gctgagcaaa	gcagactacg	agaaacacaa	agtctacgcc	1620
224	tgcaagtgca	cccatcaggg	cctgagctcg	cccgtcacaa	agagcttcaa	caggggagag	1680
225	tgttgaaatc	agatccgtta	acggttacca	actacctaga	ctggattcgt	gacaacatgc	1740
226	ggcgtgata	tctacgtatg	atcagcctcg	actgtgcctt	ctagttgccca	gccatctggt	1800
227	gtttgcccc	cccccgctgc	ttccttgacc	ctggaagggtg	ccactcccac	tgctcttctc	1860
228	taataaaatg	aggaaaattgc	atcgcatgtg	ctgagtaggt	gtcattctat	tctgggggggt	1920
229	gggggtgggg	aggacagcaa	gggggaggat	tgggaagaca	atagcaggca	tgctggggat	1980
230	gcggtgggct	ctatggaacc	agctggggct	cgacagctat	gccaaagtacg	ccccctattg	2040
231	acgtcaatga	cggtaaatgg	ccgcctggc	attatgccca	gtacatgacc	ttatgggact	2100
232	ttcctacttg	gcagtacatc	tacgtattag	tcategctat	taccatgggtg	atgcggtttt	2160
233	ggcagtacat	caatgggcgt	ggatagcggg	ttgactcacg	gggatttcca	agtctccacc	2220
234	ccattgacgt	caatgggagt	ttgttttggc	acaaaaatca	acgggacttt	ccaaaatgtc	2280
235	gtaacaactc	cgccccattg	acgcaaattg	gcggtaggcg	tgtacgggtg	gaggtctata	2340
236	taagcagagc	tgggtacgtc	ctcacattca	gtgatcagca	ctgaacacag	acccgtcgac	2400
237	atgggttgga	gcctcatctt	gctcttctct	gtcgtgtgtg	ctacgcgtgt	cctgtcccag	2460
238	gtacaactgc	agcagcctgg	ggctgagctg	gtgaagcctg	gggcctcagt	gaagatgtcc	2520
239	tgcaaggctt	ctggctacac	atctaccagt	tacaatatgc	actgggtaaa	acagacacct	2580
240	ggtcggggcc	tgggaatggat	tggagctatt	tatcccggaa	atgggtgatac	ttcctacaat	2640
241	cagaagttca	aaggcaaggc	cacattgact	gcagacaaat	cctccagcac	agcctacatg	2700
242	cagctcagca	gcctgacatc	tgaggactct	gcggtctatt	actgtgcaag	atcgacttac	2760
243	tacggcgggtg	actggtactt	caatgtctgg	ggcgcaggga	ccacggtcac	cgtctctgca	2820
244	gctagcacca	agggcccac	ggtcttcccc	ctggcaccct	cctccaagag	cacctctggg	2880
245	ggcacagcgg	ccctgggctg	cctggtcaag	gactacttcc	ccgaaccggg	gacgggtgtcg	2940
246	tggaaactcag	gcgccttgac	cagcggcggt	cacacettcc	cggctgtcct	acagtcctca	3000
247	ggactctact	ccctcagcag	cgtggtgacc	gtgccctcca	gcagcttggg	caccagacc	3060
248	tacatctgca	acgtgaatca	caagcccagc	aacaccaagg	tggacaagaa	agcagagccc	3120
249	aaatcttgtg	acaaaactca	cacatgccca	ccgtgcccag	cacctgaact	cctgggggga	3180
250	ccgtcagctc	tcctcttccc	cccaaaaccc	aaggacaccc	tcagatcttc	ccggaccctt	3240
251	gaggtcacat	gcgtgggtgg	ggacgtgagc	cacgaagacc	ctgaggtcaa	gttcaactgg	3300
252	tacgtggacg	gcgtggagggt	gcataatgcc	aagacaaagc	cgcgaggagg	gcagtacaac	3360
253	agcacgtacc	gtgtgggtcag	cgtcctcacc	gtcctgcacc	aggactgggt	gaatggcaag	3420
254	gagtacaagt	gcaaggctct	caacaaagcc	ctcccagccc	ccatcgagaa	aaccatctcc	3480
255	aaagccaaag	ggcagccccg	agaaccacag	gtgtacaccc	tgcccccatc	ccgggatgag	3540
256	ctgaccaaga	accaggtcag	cctgacctgc	ctgggtcaaag	gcttctatcc	cagcgacatc	3600

VERIFICATION SUMMARY

DATE: 06/26/2006

PATENT APPLICATION: US/09/911,692D

TIME: 10:39:32

Input Set : N:\efs\09911692_efs\09-911692_SL5.txt

Output Set: N:\CRF4\06262006\I911692D.raw